Amendments to the Specification:

Please replace line 18, page 20 with the following amendment:

bij = value of network parameter before update - ~~ηxδIj~~ ηxδij;

Please replace the paragraph beginning on page 12, line 12 with the following amended paragragh:

The network parameters of the neural network shown in Fig. 4 are : r=3, m=2, n=9; choose K=10; choose initial value ~~wijk~~ Wijk (0) and bij (0) for network parameters Wijk and bij respectively and then input them to the neural network; input x(10T) to x_m(KT) of the neural network; input x(9T) to x_m[(k-1)T]; input x(8T) to x_m[(k-2)T], and input x(7T) to x_m[(k-3)T], ..., input x(T) to x_m[(k-9)T].

Please replace line 17, page 14 with the following amendment:

Multiply -Me (kT) with Ω (Vij) to calculate δij, i.e., in Fig. 4, δ21=Ω (V21) ~~Me (10T)~~ x [-Me (10T)];

Please replace line 2, page 16 with the following amendment:

w122 (0), w123 (0), b21 (0), w131 (0), w132 (0), w133 (0), ~~b21 (0)~~ b31 (0)